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PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. BB1210 US DIV

First Inventor STEPHEN M. ALLEN ET AL.

Title NITROGEN TRANSPORT METABOLISM

Express Mail Label No. EL073739631US

S. PRO

1033109

12/28/01

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

- Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
- Applicant claims small entity status.
See 37 CFR 1.27.
- Specification [Total Pages 30]
 - Descriptive title of the Invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
- Drawing(s) (35 U.S.C.113) [Total Sheets 0 1]
 - 5. Oath or Declaration [Total Pages 1]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63 (d))
(for a continuation/divisional with Box 18 completed)
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
- Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents

Box Patent Application
Washington, DC 20231

7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper - 15 PAGES
 - c. Statements verifying identity of above copies

ACCOMPANYING APPLICATIONS PARTS

9. Assignment Papers (cover sheet & document(s))
10. 37 C.F.R. §3.73(b) Statement Power of (when there is an assignee) Attorney
11. English Translation Document (if applicable)
12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. Other: REQUEST FOR TRANSFER OF COMPUTER READABLE FORM

18. If a CONTINUATING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76.

 Continuation Divisional Continuation-in-part (CIP)

of prior application No: 09 / 384625

Prior application information: Examiner P.Bui

Group / Art Unit: 1638

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS

 Customer Number or Bar Code Labelor Correspondence address below

| | | | | | |
|-------------------|----------------|--|-----------------------------------|-------------------|--|
| Name | | | | | |
| Address | | | | | |
| City | State | | Zip Code | | |
| Country | Telephone | | | Fax | |
| Name (Print/Type) | PAUL D. GOLIAN | | Registration No. (Attorney/Agent) | 42591 | |
| Signature | | | Date | December 28, 2001 | |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231

12/28/01
JC951 U.S. PTO

PTO/SB/17 (11-01)

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

 Applicant Claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 740)

Complete if Known

| | | |
|----------------------|-------------------------|----------|
| Application Number | UNKNOWN | 0 |
| Filing Date | CONCURRENTLY HEREWITH | 10/28/01 |
| First Named Inventor | STEPHEN M. ALLEN ET AL. | 10/28/01 |
| Examiner Name | UNKNOWN | 10/28/01 |
| Group / Art Unit | UNKNOWN | 10/28/01 |
| Attorney Docket No. | BB1210 US DIV | 10/28/01 |

METHOD OF PAYMENT (check all that apply)

 Check Credit card Money Order Other None Deposit Account:

Deposit Account Number

04-1928

Deposit Account Name

E. I. du Pont de Nemours and Company

The Commissioner is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account

FEE CALCULATION

1. BASIC FILING FEE

Large Entity

| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description | Fee Paid |
|----------|----------|----------|----------|------------------------|----------|
| 101 | 740 | 201 | 370 | Utility filing fee | 740 |
| 106 | 330 | 206 | 165 | Design filing fee | |
| 107 | 510 | 207 | 255 | Plant filing fee | |
| 108 | 740 | 208 | 370 | Reissue filing fee | |
| 114 | 160 | 214 | 80 | Provisional filing fee | |

SUBTOTAL (1)

(\$ 740)

2. EXTRA CLAIM FEES

| Total Claims | -20 | = 0 | Extra Claims | Fee from below | Fee Paid |
|--------------------|-----|-----|--------------|----------------|----------|
| Independent Claims | 2 | -3 | = 0 | X 84 | = 0 |
| Multiple Dependent | | | | X 280 | = 0 |

Large Entity

| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description |
|----------|----------|----------|----------|--|
| 103 | 18 | 203 | 9 | Claims in excess of 20 |
| 102 | 84 | 202 | 42 | Independent claims in excess of 3 |
| 104 | 280 | 204 | 140 | Multiple dependent claim, if not paid |
| 109 | 84 | 209 | 42 | ** Reissue independent claims over original patent |
| 110 | 18 | 210 | 9 | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2)

(\$ 0)

*or number previously paid, if greater; For Reissues, see above

| Large Entity | Small Entity | Fee Description | Fee Paid |
|--------------|--------------|-----------------|----------|
| 105 | 130 | 205 | 65 |
| 127 | 50 | 227 | 25 |
| 139 | 130 | 139 | 130 |
| 147 | 2,520 | 147 | 2,520 |
| 112 | 920* | 112 | 920* |
| 113 | 1,840* | 113 | 1,840* |
| 115 | 110 | 215 | 55 |
| 116 | 400 | 216 | 200 |
| 117 | 920 | 217 | 460 |
| 118 | 1,440 | 218 | 720 |
| 128 | 1,960 | 228 | 980 |
| 119 | 320 | 219 | 160 |
| 120 | 320 | 220 | 160 |
| 121 | 280 | 221 | 140 |
| 138 | 1,510 | 138 | 1,510 |
| 140 | 110 | 240 | 55 |
| 141 | 1,280 | 241 | 640 |
| 142 | 1,280 | 242 | 640 |
| 143 | 460 | 243 | 230 |
| 144 | 620 | 244 | 310 |
| 122 | 130 | 122 | 130 |
| 123 | 50 | 123 | 50 |
| 126 | 180 | 126 | 180 |
| 581 | 40 | 581 | 40 |
| 146 | 740 | 246 | 370 |
| 149 | 740 | 249 | 370 |
| 179 | 740 | 279 | 370 |
| 169 | 900 | 169 | 900 |

Other fee (specify) _____

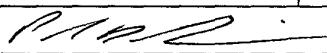
*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$ 0)

SUBMITTED BY

Complete (if applicable)

| | | | | | |
|-------------------|---|---------------------------------|-------|-----------|-------------------|
| Name (Print/Type) | PAUL D. GOLIAN | Registration No. Attorney/Agent | 42591 | Telephone | 302-992-3749 |
| Signature |  | | | Date | December 28, 2001 |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN THE APPLICATION OF:

STEPHEN M. ALLEN ET AL.

CASE NO.: BB1210 US DIV

APPLICATION NO.: UNKNOWN

GROUP ART UNIT: UNKNOWN

FILED: CONCURRENTLY HEREWITH

EXAMINER: UNKNOWN

FOR: NITROGEN TRANSPORT METABOLISM

Commissioner for Patents
Washington, DC 20231

Sir:

REQUEST FOR TRANSFER OF COMPUTER READABLE FORM

The paper copy of the Sequence Listing in this application is identical to the computer readable copy of the Sequence Listing filed in Application No. 09/384,625, filed August 27, 1999. In accordance with 37 C.F.R. 1.821(e), please use the only computer readable form filed in that application as the computer readable form for the instant application. It is understood that the Patent and Trademark Office will make the necessary change in application number and filing date for the instant application. A paper copy of the Sequence Listing is included in the originally-filed specification of the instant application.

Respectfully submitted,



PAUL D. GOLIAN
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Dated: December 28, 2001